

**DETAILED ACTION**

***Response to Amendment***

1. Claims 1, 3-6, and 9-17 amended.
2. Claim 2 canceled.
3. Claim 5 previously allowed.

***Response to Arguments***

***Allowable Subject Matter***

1. Claims 1 and 3-19 are allowed.
2. The configuration was not found in a prior art search. The following is a listing/  
statement of reasons for the indication of allowable subject matter.

**The search failed to show or suggest the prior use of:**

The configuration/ combination of elements of independent claim 1. A two-dimensional patterning method comprising: implanting gas ions on a substrate **in a desired pattern to form a blister having a dome- shaped swelling in a specified depth range in the substrate; and destroying the blister by electron irradiation or ion irradiation to form a two-dimensional pattern with a specified depth.**

3. Dependent claims 3-19 are allowable due to dependency upon allowable independent claim 1.

***Conclusion***

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Pertinent prior art is closely related art that individually or in

combination could be considered grounds for rejection. See references cited for a listing of the pertinent prior art found and the prior art found.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Smyth whose telephone number is 571-270-1746. The examiner can normally be reached on 7:30AM - 5:00PM; Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Jack I. Berman/

Primary Examiner, Art Unit 2881

/A. S./

Examiner, Art Unit 2881